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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuaki HASHIMOTO

Application No.: 09/991,931

Filed: November 26, 2001

For: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME,
CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT

Group Art Unit: 2823

Examiner: H. Lee

Docket No.: 103092.02

TECHNOLOGY CENTER 2800
MAR 25 2003

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Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

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MAR 15 2003

Sir:

Your Petitioner, Seiko Epson Corporation, represents that it is the owner of a 100% interest in the above-identified patent application by virtue of an Assignment filed May 27, 1999 and recorded at Reel 010019, Frame 0112. The undersigned also certifies that he is empowered to execute this Terminal Disclaimer on behalf of the assignee.

Your Petitioner hereby disclaims the terminal part of the statutory term of any patent granted on the above-identified application, which would extend beyond the expiration of the full statutory term as presently shortened by any Terminal Disclaimer, of U.S. Patent No. 6,097,610 issued August 1, 2000 and 6,340,606 issued January 22, 2002 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said U.S. Patent shall be the same as the legal title to any patent issuing from the above-identified application, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Petitioner does not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration of the full statutory term as presently shortened by any Terminal Disclaimer of said U.S. Patent in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to the expiration of its full statutory term as presently shortened by any Terminal Disclaimer.

Our Check No. 140084 in the amount of 110.00 is attached in accordance with 37 CFR 1.20(d). The U.S. Patent and Trademark Office is authorized to debit Deposit Account No. 15-0461 in the amount necessary to effect filing of this Terminal Disclaimer.

DATE: 03/13/03

SIGNED:

TYPED NAME:

Thomas J. Pardini

TITLE OR REGISTRATION NO.
OF ATTORNEY OF RECORD:

30,411